

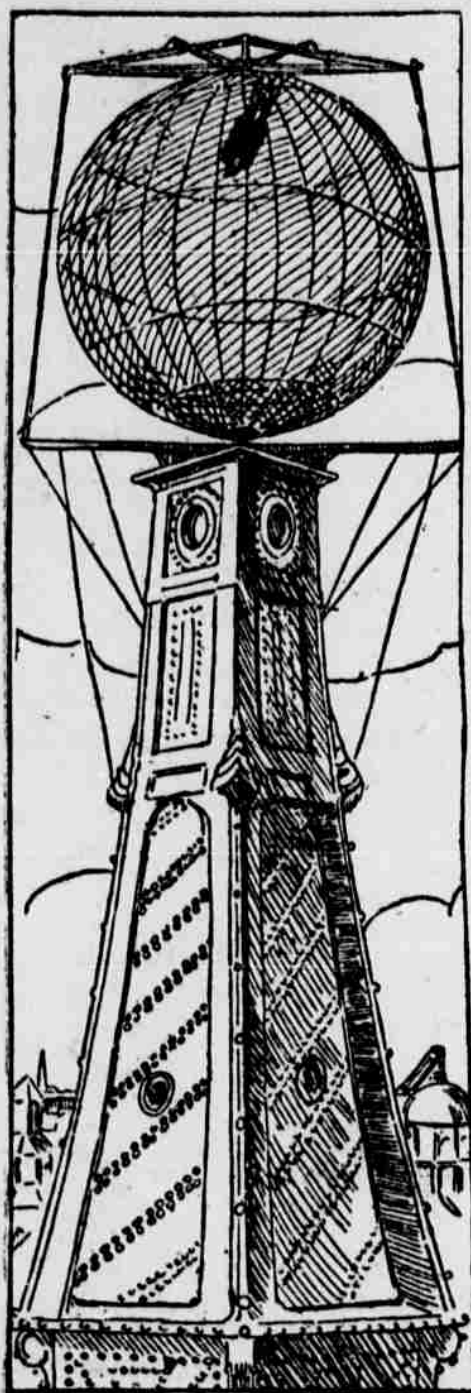
DEFIES GRAVITY LAW

THE LATEST IN THE LINE OF SENSATIONAL FEATS.

Daredevil Performer Rides Wheel in Circle of Loops Up a Perfectly Perpendicular Wall at a Speed of a Mile a Minute.

When the Eck globe is brought before the public it will be hailed unanimously as the "most sensational" act ever produced anywhere.

In the olden days the flaring circus posters used to depict the wonderful feats of the "human flies"; a whole family of acrobats who were possessed (on the posters at least) of the astonishing ability of walking on the ceiling heads downwards. The nearest actual approach to this impossibility until now was the riding of a bicycle on a "straight wall," the upper part of the regulation "cycle whirl" extended upward perpendicularly. With this contrivance several men have been able to ride fast enough to



stick to the absolutely perpendicular circle for several minutes at a time.

But the "straight wall" is only the beginning of the Eck globe. The rider's body becomes horizontal with the floor as a mere matter of preliminary warming up exercise in this newest of sensations.

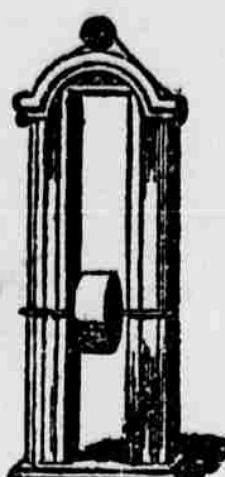
Then, seemingly in defiance of all the laws of gravitation, the man on the wheel begins to steer up beyond the center band, the point of the perpendicular. Little by little he goes higher and higher, the radius of the circles becomes less and less, and finally, his head almost directly beneath his feet, riding in a circle barely two wheels in circumference, he suddenly shoots down into the bottom of the sphere, passes up the other side and over the very top, making a complete "loop."

His speed is tremendous, sufficient to carry him through this maneuver half a dozen times. Gradually he makes the loops further and further away from the two poles at the top and bottom, and finally brings himself to the perpendicular position again riding around the center band.

The accomplishment of the act lies wholly in the speed attained by the rider. The centrifugal force necessary to hold the wheel against the center band is reached only with a speed of thirty miles an hour. With every foot above this point the increase in speed necessary to throw the rider against the concave surface of the globe is considerable. When riding around the smallest circle, nearest the top, it is believed that human power is driving the bicycle at the astonishing rate of a mile a minute.

A Japanese Water Clock.

The device shown in the sketch is a Japanese water clock. A metal drum, with a metal axle stuck through it, is upheld by two strings in such a manner that the latter gradually unwind, allowing the drum to descend. The drum is divided inside into a series of compartments, in one of which some water is put. The partitions are pierced by pinholes, allowing the water to pass through one compartment to another as the drum goes down. It can only go round as the water runs out, and its speed can therefore be regulated according to the size of the pinholes. The drum takes just twenty-four hours to go from the top to the bottom of the framework, and the hours are indicated by pegs inserted at regular intervals on one side of the supports.—Pearson's Weekly.



Goggles for Chickens.

Among the current inventions which have been brought out in the name of humanity to our dumb animal or bird friends is a pair of goggles to be placed on chickens to prevent them from pecking out the eyes of one another. A couple of pugnaciously inclined birds on a farm can do a lot of harm to the others, and as a protection against damage being sustained to the eyes, it is proposed to equip the members of the flock with the goggles.

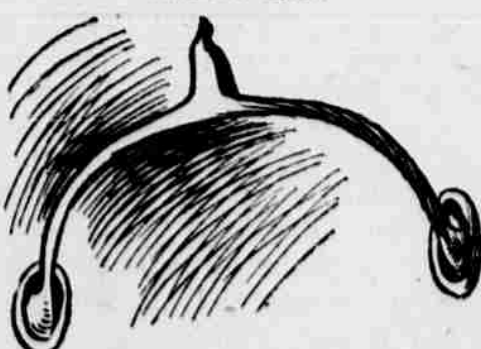
The shape of these protectors is such that by springing them apart and placing them over the head of the bird they will stay there of their own accord. The frames are fitted with disks of glass or mica.

These spectacles are designed for very high bred fowls, and are meant to protect the owner from loss as well as the chickens from hurt.—Science Sightings.

Throws Plants in Coma.

A remarkable discovery has been made by a German professor. He is able to throw living plants into what he calls a state of coma, by injecting liquid into their stems. The plant stops growing, but does not die. On the contrary, the leaves remain green and lifelike, and stand up stiff and erect. Moreover, they are absolutely impervious to any change of temperature or moisture. The most tender palm or fern will stand the intensest cold of winter, nothing seeming to disturb its composure. Just what this liquid is remains the secret of the professor.

Ancient Spur.



The earliest spur known consisted of a sharp prod mounted on a base to fasten about the heel. Antiquarians place its date at from 300 to 100 B. C.

BOTH SLEIGH AND SULKY.

Better Have One to Take Out Your Best Girl Next Winter.

Anyone who has been sleigh riding with his best girl and suddenly comes upon a clean stretch of road from which the snow has disappeared and finds his old nag unable to draw the sleigh over the rocks and stones and ruts that beset him will appreciate the idea of a sleigh which can immediately be converted into a wheeled sulky that will rattle along over the dry ground until another snow-covered highway is found.

The idea is clearly conveyed by the picture herewith presented. Wheels



The Sleigh Sulky.

are attached to the rear of the sleigh and by means of a handle may be lowered to come into contact with the earth, raising the sleigh runners and at once transforming the vehicle into a wheeled affair for use anywhere. The reversal of the handle or lever, when desired, returns the sulky to its original sleigh form.

Playing Poker With Dollar Bills.

Friends of a well-known business man were interested considerably the other day when he received change from a five dollar note after paying a small bill on seeing him closely examine the several numbers on the one dollar notes received.

"There's a full house, aces and treys," he remarked to himself, "and there are two pairs, and there's a straight flush."

"What are you talking about?" said one of his friends.

"Why, there are three good poker hands. I'm going to save them, and to-morrow when I meet the 'gang' at luncheon, we'll have a little game with one dollar notes. The loser pays the bill for the crowd. That's why I examine the serial number on every one dollar note I get so carefully. Every one I get that makes a good poker hand I save, and I haven't been stuck for the dinners yet."

Hat Umbrella.



Coreans make the umbrella into a piece of headgear, leaving the hands free.

Five-Legged Calf.

Joseph Lafie of Benson, Vt., has a five-legged calf born June 2, which is thrifty. Mr. Lafie has been offered \$150 for the calf and his mother.

BEE STINGS CURED RHEUMATISM

Fortunate Farmer First to Prove Efficacy of Remedy.

There was an invalid farmer near Franklin, Mass.—"was an invalid farmer," now is a vigorous one, Harrison Willoughby. For years he had been a sufferer from acute rheumatism, and in the nervousness he knew he said at night "would God the day were here, and said at dawn would God the day were dead."

It happened that a few weeks ago he wandered amid the bee hives of a neighbor, swinging along on his



NOW HARRISON WILLOUGHBY AN INVALID FARMER FELL AGAINST A BEE HIVE RECEIVING STINGS THAT CURED HIM OF HIS RHEUMATISM

crutches. One of the supports went into a soft bit of ground, he lurched sideways, he tipped over a hive.

Instantly, about the man, helpless to run away, swarmed the angry cloud of honey makers and their warriors. He madly, unfortunately strove to beat them off. They launched sting after sting into his skin, he became semi-unconscious from agony.

Finally people came and rescued him. He was put to bed and the physicians applied soothing lime water and the other things they know—but they said they had little hope that Mr. Willoughby could survive the terrible stings.

But he did pull through, and one morning he was thirsty. There was no one near, and before he knew it he had jumped out of bed and gone to the bathroom.

As he raised the water to his lips, he thought of something and almost dropped the glass. Where was that rheumatism?

And truly with the going away of the irritation of the bees' stings had the rheumatism gone, too.

So Willoughby is a well man today and, while he admits that the remedy was heroic, he says he is still thankful to those bees.

Had No Need to Peep.

E. E. Rice is famous in theatrical annals for the "Amazonian Marches" which he featured in his various attractions. One night there was a great commotion behind the scenes, and Mr. Rice went back to investigate. He found a scared youth in peril of rough usage at the hands of an indignant mob of scene shifters.

"Now what is the trouble?" demanded the manager, after effecting a heroic rescue.

"I—I was only peeping into one of the dressing rooms," gasped the terrified youth.

"Humph!" commented the manager, who perceived that the offender had been sufficiently punished. "I will make you out a pass for a seat in the parquet. You will have a better view there."—New York Times.

Rattlesnake Put Up Fight.

While on the road from Allentown, N. H., to Manchester Thomas W. Lane noticed a black object in the road. Taking his whip from the socket he approached the object, which proved to be a rattlesnake. Mr. Lane attacked the snake and was surprised to see it strike boldly in resistance. Raining blows upon the reptile Mr. Lane retreated. Fully fifteen feet of ground was covered in the retreat before the snake was killed. The snake was killed. The snake was a large one and had nine rattles.